WELDING JOURNAL INDEX

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Part 1—WELDING JOURNAL

SUBJECT INDEX

AC Constant Potential Power Source for Heavy Plate, Deep Groove Welding, A New—F. J. Grist and F. W. Armstrong, 30 to 35, (June).

AC or DC? For Aluminum Resistance Welding in Consideration of Electrical Demand—R. L. Stuefen, 39 to 43, (Jan.).

Accelerator Grid Assemblies, The Fabrication and Brazing of 15A, 120keV Continuous Duty—L. A. Biagi, G. W. Koehler and J. A. Paterson, 33 to 35, (Oct.).

Adaptive Spray—A New Process for Thin Gauge Aluminum—Jon Reynolds, 23 to 27, (July).

*Adjustable Centers of Gravity, Some Results of Using Positioners with—42 and 44, (May).

Advances in Non-Vacuum Electron Beam Technology—E. Gajdusek, 17 to 21, (July).

*Air Balancers Help Welding Line Run Smoothly—49 and 51, (Aug.).

Air Carbon Arc Cutting Processes, Optical Radiation Levels Produced by—W. J. Marshall, D. H. Sliney, M. Hoikkala and C. E. Moss, 43 to 46, (Mar.).

*Alaska Pipeline Workers, Monument Honors—41 to 42, (Dec.).

All-Position GMA Welding 5083 Aluminum Alloy, Ceramic Backing for—F. E. Gibbs, 23 to 30, (Dec.).

Alloy, Ceramic Backing for All-Position GMA Welding 5083 Aluminum—F. E. Gibbs, 23 to 30, (Dec.).

Alloys, Improving the Fatigue Performance of Welded Aluminum—T. W. Montemarano and M. E. Wells, 21 to 28, (June).

Aluminum, Adaptive Spray-A New Process for Thin Gauge—Jon Reynolds, 23 to 27, (July).

Aluminum Alloy, Ceramic Backing for All-Position GMA Welding 5083—F. E. Gibbs, 23 to 30, (Dec.).

Aluminum Alloy Hydraulic Valve Bodies, The Diffusion Welding of 390—R. A. Morley and J. Caruso, 29 to 34, (Aug.).

Aluminum Alloys, Improving the Fatigue Performance of Welded—T. W. Montemarano and M. E. Wells, 21 to 28, (June).

Aluminum Brazed Titanium Acoustic Structures—Charles E. Kimball, 26 to 30, (Oct.).

Aluminum Resistance Welding in Consideration of Electrical Demand, AC or DC? For—R. L. Stuefen, 39 to 43, (Jan.).

Aluminum Using a Non-Corrosive Flux, Tunnel Furnace Brazing of—W. E. Cooke and H. Bowman, 17 to 20, (Oct.).

*American Breakthrough-Fabrication of 2¼ Cr-1 Mo Vessels Which Meet Requirements to Check Temper Embrittlement, An—42 and 45, (Nov.).

Application Considerations for Selecting Industrial Robots for Arc Welding—M. J. Sullivan, 28 to 31, (Apr.).

Arc Cutting Processes, Optical Radiation Levels Produced by Arc Carbon—W. J. Marshall, D. H. Sliney, M. Hoikkala and C. E. Moss, 43 to 46, (Mar.).

*Arc Saves Hard Facing Time, Dollars, Plasma—51 and 52, (Feb.).

Arc Welding, Application Considerations for Selecting Industrial Robots for—M. J. Sullivan, 28 to 31, (Apr.).

Arctic-Grade Line Pipes, A New High Current Density GMAW/SAW Process for—T. Saito and S. Fujimori, 36 to 44, (Aug.).

*Automated Unit Welds Flimsy Tanks—41 and 42, (Nov.).

*Automatic GTAW Tops for Tube-to-Tubesheet Welding—52 and 53, (Sept.).

*Automatic Girth Welding with a Tilting Motion—42, (June).

*Automotive Vehicle Lift Production, Welding Gives "Lift" to—46, (Aug.).

*Balancers Help Welding Line Run Smoothly, Air—49 and 51, (Aug.).

*Bang-Up Job in Heater Repair, Explosion Welding Does—49 and 51, (Feb.).

*Barge Operations, Japanese Welding Unit Speeds Lay—37 and 38, (Apr.).

*Batteries, Paste Soldering Adds Spark to Zinc Carbon—50 and 52, (Mar.).

Beam Welded Turbine Engine Power Shaft, Inertia and Electron—J. A. Miller and J. J. O'Connor, 17 to 22, (May).

*Beveling, Reader Response: Another Approach to Automatic Pipe—46 and 47, (Jan.).

*Big Wire Coils Cut Welding Machine Downtime—43 and 44, (July).

*Blade Edge Resists Wear, Maintains Accuracy, Brazed-on—38 and 39, (Apr.).

*Brakes Control Wheel Rim Welding System, Electric—53 and 56, (Mar.).

*Brazed-on Blade Edge Resists Wear, Maintains Accuracy—38 and 39, (Apr.).

A Practical Welder article

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Accelerator Grid Assemblies, The Fabrication and Brazing of 15A, 120keV Continuous Duty—L. A. Biagi, G. W. Koehler and J. A. Paterson, 33 to 35, (Oct.).

Adaptive Spray—A New Process for Thin Gauge Aluminum—Jon Reynolds, 23 to 27, (July).

*Adjustable Centers of Gravity, Some Results of Using Positioners with—42 and 44, (May).

Advances in Non-Vacuum Electron Beam Technology—E. Gajdusek, 17 to 21, (July).

*Air Balancers Help Welding Line Run Smoothly—49 and 51, (Aug.).

Air Carbon Arc Cutting Processes, Optical Radiation Levels Produced by—W. J. Marshall, D. H. Sliney, M. Hoikkala and C. E. Moss, 43 to 46, (Mar.).

*Alaska Pipeline Workers, Monument Honors—41 to 42, (Dec.).

All-Position GMA Welding 5083 Aluminum Alloy, Ceramic Backing for—F. E. Gibbs, 23 to 30, (Dec.).

Alloy, Ceramic Backing for All-Position GMA Welding 5083 Aluminum—F. E. Gibbs, 23 to 30, (Dec.).

Alloys, Improving the Fatigue Performance of Welded Aluminum—T. W. Montemarano and M. E. Wells, 21 to 28, (June).

Aluminum, Adaptive Spray-A New Process for Thin Gauge—Jon Reynolds, 23 to 27, (July).

Aluminum Alloy, Ceramic Backing for All-Position GMA Welding 5083—F. E. Gibbs, 23 to 30, (Dec.).

Aluminum Alloy Hydraulic Valve Bodies, The Diffusion Welding of 390—R. A. Morley and J. Caruso, 29 to 34, (Aug.).

Aluminum Alloys, Improving the Fatigue Performance of Welded—T. W. Montemarano and M. E. Wells, 21 to 28, (June).

Aluminum Brazed Titanium Acoustic Structures—Charles E. Kimball, 26 to 30, (Oct.).

Aluminum Resistance Welding in Consideration of Electrical Demand, AC or DC? For—R. L. Stuefen, 39 to 43, (Jan.).

Aluminum Using a Non-Corrosive Flux, Tunnel Furnace Brazing of—W. E. Cooke and H. Bowman, 17 to 20, (Oct.).

*American Breakthrough-Fabrication of 2¼ Cr-1 Mo Vessels Which Meet Requirements to Check Temper Embrittlement, An—42 and 45, (Nov.).

Application Considerations for Selecting Industrial Robots for Arc Welding—M. J. Sullivan, 28 to 31, (Apr.).

Arc Cutting Processes, Optical Radiation Levels Produced by Arc Carbon—W. J. Marshall, D. H. Sliney, M. Hoikkala and C. E. Moss, 43 to 46, (Mar.).

*Arc Saves Hard Facing Time, Dollars, Plasma—51 and 52, (Feb.).

Arc Welding, Application Considerations for Selecting Industrial Robots for—M. J. Sullivan, 28 to 31, (Apr.).

Arctic-Grade Line Pipes, A New High Current Density GMAW/SAW Process for—T. Saito and S. Fujimori, 36 to 44, (Aug.).

*Automated Unit Welds Flimsy Tanks—41 and 42, (Nov.).

*Automatic GTAW Tops for Tube-to-Tubesheet Welding—52 and 53, (Sept.).

*Automatic Girth Welding with a Tilting Motion—42, (June).

*Automotive Vehicle Lift Production, Welding Gives "Lift" to—46, (Aug.).

*Balancers Help Welding Line Run Smoothly, Air—49 and 51, (Aug.).

*Bang-Up Job in Heater Repair, Explosion Welding Does—49 and 51, (Feb.).

*Barge Operations, Japanese Welding Unit Speeds Lay—37 and 38, (Apr.).

*Batteries, Paste Soldering Adds Spark to Zinc Carbon—50 and 52, (Mar.).

Beam Welded Turbine Engine Power Shaft, Inertia and Electron—J. A. Miller and J. J. O'Connor, 17 to 22, (May).

*Beveling, Reader Response: Another Approach to Automatic Pipe—46 and 47, (Jan.).

*Big Wire Coils Cut Welding Machine Downtime—43 and 44, (July).

*Blade Edge Resists Wear, Maintains Accuracy, Brazed-on—38 and 39, (Apr.).

*Brakes Control Wheel Rim Welding System, Electric—53 and 56, (Mar.).

*Brazed-on Blade Edge Resists Wear, Maintains Accuracy—38 and 39, (Apr.).

A Practical Welder article

Brazed Titanium Acoustic Structures, Aluminum—Charles E. Kimball, 26 to 30, (Oct.).
Brazing of Aluminum Using a Non-Corrosive Flux, Tunnel Furnace—W. E. Cooke and H. Bowman, 17 to 20 (Oct.).
Brazing of 15A, 120keV Continuous Duty Accelerator Grid Assemblies, The Fabrication and—L. A. Biagi, G. W. Koehler, and J. A. Paterson, 33 to 35, (Oct.).
Brazing with Nitrogen Atmospheres, Furnace—W. Whitman, T. A. Nelson and J. Solomon, 21 to 25, (Oct.).
*Brazing Yields High Quality Joints, Ultrasonically Assisted—52 and 53, (Feb.).

Capsule Closure, High Current Resistance Welding for—W. R. Kanne, Jr., and J. W. Kelker, Jr., 32 to 36, (Nov.).
Carbon Arc Cutting Processes, Optical Radiation Levels Produced by Air—W. J. Marshall, D. H. Sliney, M. Hoikkala and C. E. Moss, 43 to 46, (Mar.).
*Carbon Batteries, Paste Soldering Adds Spark to Zinc—50 and 52, (Mar.).
*Career, Welding Pays, As Job or—49 and 50, (Mar.).
*Centers of Gravity, Some Results of Using Positioners with Adjustable—42 to 44, (May).
China, Welding in—Welding Institution of the Chinese Mechanical Engineering Society, 23 to 29, (Nov.).
Cladding Dye Penetrant Indications Are Related to Wire Cleanliness, Plasma—J. W. York, 32 to 37, (Dec.).
*Cladding Rate, Offshore Equipment Fabricator Doubles—38 and 39, (Nov.).
*Coal-Processing Equipment Maintenance Costs, Flame Spraying Cuts—39 and 40, (May).
*Coils Cut Welding Machine Downtime, Big Wire—43 and 44, (July).
*Computer Control Simplifies Robot Operation—49 and 50, (Jan.).
Constant Potential Power Source for Heavy Plate, Deep Groove Welding, A New AC—F. J. Grist and F. W. Armstrong, 30 to 35, (June).
*Craftsman, Henry Lee Sadler-A Very Special Welding—39 and 41, (Nov.).
Current Resistance Welding for Capsule Closure, High—W. R. Kanne, Jr., and J. W. Kelker, Jr., 32 to 36, (Nov.).
*Customer-Designed Fixture Gives Fast, Perfect Fit-Up Cutting Machine Positioning—36, (Oct.).
Cutting Processes, Optical Radiation Levels Produced by Air Carbon Arc—W. J. Marshall, D. H. Sliney, M. Hoikkala and C. E. Moss, 43 to 46, (Mar.).

Deep Groove Welding, A New AC Constant Potential Power Source for Heavy Plate—F. J. Grist and F. W. Armstrong, 30 to 35, (June).
Development of Techniques for Joining Fuel Rod Simulators to Test Assemblies—A. J. Moorhead and R. W. Reed, 41 to 50, (Sept.).
Diffusion Welding of 390 Aluminum Alloy Hydraulic Valve Bodies, The—R. A. Morley and J. Caruso, 29 to 34, (Aug.).
Development of a Comprehensive Training Program for Welding Inspection-Visual, The—R. E. Long, 27 to 33, (Mar.).
*Dollars, Plasma Arc Saves Hard Facing Time,—51 and 52, (Feb.).
Dual Metal Strip, Electron Beam Welding for—R. J. Russell, 21 to 24, (Jan.).
*Durability of Welded Products, Patterned Steel Plate Enhances Looks,—54, (Feb.).
Dye Penetrant Indications Are Related to Wire Cleanliness, Plasma Cladding—J. W. York, 32 to 37, (Dec.).

Education, The Place of Welding in Engineering—H. B. Cary, 17 to 20, (June).
Educational Lecture: Welding Skills Training: A Comparison . . . Part I, 1980 Fred L. Plummer—Eugene G. Hornberger, 16 to 21, (Dec.).
*Electric Brakes Control Wheel Rim Welding System—53 and 56, (Mar.).
*Electrical Contacts, Ultrasonic Welding of Silver—41 and 42, (May).
Electron Beam Technology, Advances in Non-Vacuum—E. Gajdusek, 17 to 21, (July).
Electron Beam Welded Turbine Engine Power Shaft, Inertia and—J. A. Miller and J. J. O'Connor, 17 to 22, (May).
Electron Beam Welding for Dual Metal Strip—R. J. Russell, 21 to 24, (Jan.).
Electroslag Welding Eliminates Costly Field Machining on Large Mining Shovel—R. D. Myers, 17 to 22, (Apr.).
*Electrostatic Precipitation for Welding Fume/Smoke Removal Involves Three Filtration Techniques—41 and 42, (June).
*Embrittlement, An American Breakthrough-Fabrication of 2¼ Cr-1 Mo Vessels Which Meet Requirements to Check Temper—42 and 45, (Nov.).
Emission (SWE) Techniques, Testing Low Profile (LP) Relay Break Spring Welds Using Stress Wave—M.C. Jon, C. A. Keskimaki, S. T. Gorbos and V. E. Califano, 23 to 27, (Apr).
Engineering Education, The Place of Welding in—H. B. Cary, 17 to 20, (June).
*Equipment Maintenance Costs, Flame Spraying Cuts Coal-Processing—39 and 40, (May).
Establishing the Welding Program—D. E. Hetzel, 28 to 38, (Sept.).
*Explosion Welding Does Bang-Up Job in Heater Repair—49 and 51, (Feb.).

*Fabricate by Welding, Incinerator Is a "Rare Bird" to—38, 39 and 41 (June).
Fabrication and Brazing of 15A, 120keV Continuous Duty Accelerator Grid Assemblies, The—L. A. Biagi, G. W. Koehler and J. A. Peterson, 33 to 35, (Oct.).
*Fabrication of Pressure Vessel Heads Saves $7,200, Mechanized Welding—40 and 41, (May).
*Fabrication of 2¼ Cr-1 Mo Vessels Which Meet Requirements to Check Tember Embrittlement, An American Breakthrough—42 and 45, (Nov.).
*Fabrication Tackles King-Size Pipe Welding Job—35 and 37, (Apr.).
*Fabricator Doubles Cladding Rate, Offshore Equipment—38 and 39, (Nov.).
Fatigue Performance of Welded Aluminum Alloys, Improving the—T. W. Montemarano and M. E. Wells, 21 to 28, (June).
*Fiber on the Move, Rayon-A Flame-Resistant—57 and 58, (Sept.).
Filtration Techniques, Electrostatic Precipitation for Welding Fume/Smoke Removal Involves Three—41 and 42, (June).
*Fixture Gives Fast Perfect Fit-Up Cutting Machine Positioning, Customer-Designed—36, (Oct.).
*Flame-Resistant Fiber on the Move, Rayon-A—57 and 58, (Sept.).
*Flame Spraying Cuts Coal-Processing Equipment Maintenance Costs—39 and 40, (May).
Fuel Rod Simulators to Test Assemblies, Development of Techniques for Joining—A. J. Moorhead and R. W. Reed, 41 to 50, (Sept.).
*Fume/Smoke Removal Involves Three Filtration Techniques, Electrostatic Precipitation for Welding—41 and 42, (June).

A Practical Welder article

*Fume Removal System Provides Fuel Savings and Increased Productivity, 24,000 cfm Welding—38 and 39, (Oct.).
Furnace Brazing of Aluminum Using a Non-Corrosive Flux, Tunnel—W. E. Cooke and H. Bowman, 17 to 20, (Oct.)
Furnace Brazing with Nitrogen Atmospheres—W. Whitman, T. A. Nelson and J. Solomon, 21 to 25, (Oct.).

Geometry Influence on Mechanized Pipe Welding, Joint—J. F. Key, P. W. Turner, D. W. Hood and D. D. Keiser, 24 to 32, (May.)
*Girth Welding with a Tilting Motion, Automatic—42, (June).
GMA Welding 5083 Aluminum Alloy, Ceramic Backing for All-Position—F. E. Gibbs, 23 to 30, (Dec.).
*Gravity, Some Results of Using Positioners with Adjustable Centers of Gravity—42 and 44, (May).
Groove Welding, A New AC Constant Potential Power Source for Heavy Plate, Deep—F. J. Grist and F. W. Armstrong, 30 to 35, (June).
*GTAW Tops for Tube-to-Tubesheet Welding, Automatic—52 and 53, (Sept.).
Guidelines for Pipe Purging, Practical—W. S. Burkle and J. O. Lightfoot, 34 to 37, (May).
*Guns + 8.5 Seconds = 68 Spot Welds for Microwave Oven, 12—51 and 52, (Aug.).

Hard Facing Time, Dollars, Plasma Arc Saves—51 and 52, (Feb.).
*Heads Saves $7,200, Mechanized Welding Fabrication of Pressure Vessel—40 and 41, (May).
*Heater Repair, Explosion Welding Does Bang-Up Job in—49 and 51, (Feb.).
Heavy Plate, Deep Groove Welding, A New AC Constant Potential Power Source for—F. J. Grist and F. W. Armstrong, 30 to 35, (June).
*Henry Lee Sadler-A Very Special Welding Craftsman—39 and 41, (Nov.).
Heritage in Metals, A—Jeff Weber, 16 to 21, (Nov.).
High Current Resistance Welding for Capsule Closure—W. R. Kanne, Jr., and J. W. Kelker, Jr., 32 to 36, (Nov.).

Improving the Fatigue Performance of Welded Aluminum Alloys—T. W. Montemarano and M. E. Wells, 21 to 28, (June).
*Incinerator Is a "Rare Bird" to Fabricate by Welding—38, 39 and 41 (June).
Industrial Robots for Arc Welding, Application Considerations for Selecting—M. J. Sullivan, 28 to 31, (Apr.).
*"Indy 500," Welding Integrity Recognized at the—H. F. Prah, 48 and 49, (Aug.).
Inertia and Electron Beam Welded Turbine Engine Power Shaft—J. A. Miller and J. J. O'Connor, 17 to 22, (May).
Inmates as Welding Operators, The Training of Prison—G. J. Tahash, Jr., 17 to 24, (Mar.).
Internal Bore Welding of 2¼ Cr-1 Mo Steel Tube-to-Tubesheet Joints—A. J. Moorhead and R. W. Reed, 26 to 37, (Jan.).

*Japanese Welding Unit Speeds Lay Barge Operations—37 and 38, (Apr.).
*Job or Career, Welding Pays, As—49 and 50, (Mar.).
Joint Geometry Influence on Mechanized Pipe Welding—J. F. Key, P. W. Turner, D. W. Hood and D. D. Keiser, 24 to 32, (May).
*Joints, Ultrasonically Assisted Brazing Yields High Quality—52 and 53, (Feb.).

Lamellar Tearing-The Problem Nobody Seems to Want to Talk About—E. Holby and J. F. Smith, 37 to 44, (Feb.).
*Lay Barge Operations, Japanese Welding Unit Speeds—37 and 38, (Apr.).
Lecture: Welding Skills Training: A Comparison . . . Part I, 1980 Fred L. Plummer Educational—Eugene G. Hornberger, 16 to 21, (Dec.).
*Light Poles, Weld Recycling Saves Damaged—52 and 53, (Mar.).
Low Profile (LP) Relay Break Spring Welds Using Stress Wave Emission (SWE) Techniques, Testing—M. C. Jon, C. A. Keskimaki, S. T. Gorbos and V. E. Califano, 23 to 27, (Apr.).

*Machines Are 'Almost Robotic,' Muffler Welding—39 and 40, (Oct.).
Machining on Large Mining Shovel, Electroslag Welding Eliminates Costly Field—R. D. Myers, 17 to 22, (Apr.).
Mechanized Pipe Welding, Joint Geometry Influence on—J. F. Key, P. W. Turner, D. W. Hood and D. D. Keiser, 24 to 32, (May).
*Mechanized Welding Fabrication of Pressure Vessel Heads Saves $7,200—40 and 41, (May).
Metals, A Heritage in—Jeff Weber, 16 to 21, (Nov.).
*Microwave Oven, 12 Guns + 8.5 Seconds = 68 Spot Welds for—51 and 52, (Aug.).
Mining Shovel, Electroslag Welding Eliminates Costly Field Machining on Large—R. D. Myers, 17 to 22, (Apr.).
*Muffler Welding Machines Are 'Almost Robotic'—39 and 40, (Oct.).

New AC Constant Potential Power Source for Heavy Plate, Deep Groove Welding—F. J. Grist and F. W. Armstrong, 30 to 35, (June).
New High Current Density GMAW/SAW Process for Arctic-Grade Line Pipes—T. Saito and S. Fujimori, 36 to 44, (Aug.).
Nickel Base and Stainless Steel Electrodes, Underwater Wet Welding with—E. P. Sadowski, 30 to 38, (July).
1979 Plummer Lecture: Profit Improvement through Welding—R. J. Campbell, 17 to 31, (Feb.).
Nitrogen Atmospheres, Furnace Brazing with—W. Whitman, T. A. Nelson and J. Solomon, 21 to 25, (Oct.).
Non-Vacuum Electron Beam Technology, Advances in—E. Gajdusek, 17 to 21, (July).

*Offshore Equipment Fabricator Doubles Cladding Rate—38 and 39, (Nov.).
*On-Site Weld-Repair of a Heavy Plate Bending Roll-A Success Story—Awtar Singh, 53 and 57, (Sept.).
Optical Radiation Levels Produced by Air Carbon Arc Cutting Processes—W. J. Marshall, D. H. Sliney, M. Hoikkala and C. E. Moss, 43 to 46, (Mar.).
Orbiter Crew Module, Welding of the Space Shuttle—E. L. Whiffen, L. J. Korb, and C. E. Oleksiak, 17 to 24, (Sept.).

*Paste Soldering Adds Spark to Zinc Carbon Batteries—50 and 52, (Mar.).
*Patterned Steel Plate Enhances Looks, Durability of Welded Products—54, (Feb.).
Penetrant Indications Are Related to Wire Cleanliness, Plasma Cladding Dye—J. W. York, 32 to 37, (Dec.).
Performance of Welded Aluminum Alloys, Improving the Fatigue—T. W. Montemarano and M. E. Wells, 21 to 28, (June).
*Pipe Beveling, Reader Response: Another Approach to Automatic—46 and 47, (Jan.).
Pipe Purging, Practical Guidelines for—W. S. Burkle and J. O. Lightfoot, 34 to 37, (May).
*Pipe Welding Job, Fabrication Tackles King-Size—35 and 37, (Apr.).

A Practical Welder article

Pipe Welding, Joint Geometry Influence on Mechanized—J. F. Key, P. W. Turner, D. W. Hood and D. D. Keiser, 24 to 32, (May).
*Pipeline Workers, Monument Honors Alaska—41 to 42, (Dec.).
Pipes, A New High Current Density GMAW/SAW Process for Arctic-Grade Line—T. Saito and S. Fujimori, 36 to 44, (Aug.).
Place of Welding in Engineering Education, The—H. B. Cary, 17 to 20, (June).
*Plasma Arc Saves Hard Facing Time, Dollars—51 and 52, (Feb.).
*Plasma Surfacing, Valvemaker Gains in Quality, Production, Economy with—42 and 43, (July).
Plate, Deep Groove Welding, A New AC Constant Potential Power Source for Heavy—F. J. Grist and F. W. Armstrong, 30 to 35, (June).
*Plate Enhances Looks, Durability of Welded Products, Patterned Steel—54, (Feb.).
Plummer Educational Lecture: Welding Skills Training: A Comparison . . . Part I, 1980 Fred L.—Eugene G. Hornberger, 16 to 21, (Dec.).
Plummer Lecture: Profit Improvement through Welding, 1979—R. J. Campbell, 17 to 31, (Feb.).
*Positioners with Adjustable Centers of Gravity, Some Results of Using—42 and 44, (May).
Potential Power Source for Heavy Plate, Deep Groove Welding, A New AC Constant—F. J. Grist and F. W. Armstrong, 30 to 35, (June).
Power Shaft, Inertia and Electron Beam Welded Turbine Engine—J. A Miller and J. J. O'Connor, 17 to 22, (May).
Power Source for Heavy Plate, Deep Grove Welding, A New AC Constant Potential—F. J. Grist and F. W. Armstrong, 30 to 35, (June).
Practical Guidelines for Pipe Purging—W. S. Burkle and J. O. Lightfoot, 34 to 37, (May).
*Precipitation for Welding Fume/Smoke Removal Involves Three Filtration Techniques, Electrostatic—41 and 42, (June).
*Preheat Operation Withstands Violent Storms, Welding—44, (Dec.).
*Pressure Vessel Heads Saves $7,200, Mechanized Welding Fabrication of—40 and 41, (May).
Prison Inmates as Welding Operators, The Training of—G. J. Tahash, Jr., 17 to 24, (Mar.).
*Production Pluses, Weld-Assembly System Offers—42, (Apr.).
Profit Improvement through Welding, 1979 Plummer Lecture:—R. J. Campbell, 17 to 31, (Feb.).
Program, Establishing the Welding—D. E. Hetzel, 28 to 38, (Sept.).
Program for Welding Inspection-Visual, The Development of a Comprehensive Training—R. E. Long, 27 to 33, (Mar.).
Purging, Practical Guidelines for Pipe—W. S. Burkle and J. O. Lightfoot, 34 to 37, (May).

Radiation Levels Produced by Air Carbon Arc Cutting, Optical—W. J. Marshall, D. H. Sliney, M. Hoikkala, and C. E. Moss, 43 to 46, (Mar.).
*Radio Production, Solder-Joined Strip a "Big 10-4" in CB—47 and 49, (Jan.).
*Radiographic Inspection, Welds in Hartford Coliseums's New Roof Get Extensive—41 and 42, (July).
*"Rare Bird" to Fabricate by Welding, Incinerator Is a—38, 39 and 41, (June).
*Rayon-A Flame-Resistant Fiber on the Move—57 and 58, (Sept.).
*Reader Response: Another Approach to Automatic Pipe Beveling—46 and 47, (Jan).
*Recycling Saves Damaged Light Poles, Weld—52 and 53, (Mar.).
Relay Break Spring Welds Using Stress Wave Emission (SWE) Techniques, Testing Low Profile (LP)—M. C. Jon, C. A. Keskimaki, S. T. Gorbos and V. E. Califano, 23 to 27, (Apr.).
*Removal Involves Three Filtration Techniques, Electrostatic Precipitation for Welding Fume/Smoke—41 and 42, (June).
*Repair, Explosion Welding Does Bang-Up Job in Heater—49 and 51, (Feb.).
*Repair of a Heavy Plate Bending Roll-A Success Story, On-Site Weld—Awtar Singh, 53 and 57, (Sept.).
Resistance Welding for Capsule Closure, High Current—W. R. Kanne, Jr., and J. W. Kelker, Jr., 32 to 36, (Nov.).
Resistance Welding in Consideration of Electrical Demand, AC or DC? For Aluminum—R. L. Stuefen, 39 to 43, (Jan.).
*Ring Forming/Welding Station Provides 80% Material Savings—50, (Jan.).
*Robot Increases Welding Production at Swedish Auto Plant—45, (July).
*Robot Operation, Computer Control Simplifies—49 and 50, (Jan.).
*Robotic,' Muffler Welding Machines Are 'Almost—39 and 40, (Oct.).
Robots for Arc Welding, Application Considerations for Selecting Industrial—M. J. Sullivan, 28 to 31, (Apr.).
*Roll-A Success Story, On-Site Weld-Repair of a Heavy Plate Bending—Awtar Singh, 53 and 57, (Sept.).

*Sadler-A Very Special Welding Craftsman, Henry Lee—39 and 41, (Nov.).
Sandwich Weld Technique Solves Spring Steel Attachment Problem—E. W. Litch, 46 to 48, (Feb.).
*Savings and Increased Productivity, 24,000 cfm Welding Fume Removal System Provides Fuel—38 and 39, (Oct.).
*750,000 Pounds of Steel + Welding = "Cat Cracker" Components for Oil Refineries — 39, (Dec.).
Shovel, Electroslag Welding Eliminates Costly Field Machining on Large Mining—R. D. Myers, 17 to 22, (Apr.).
*Silver Electrical Contacts, Ultrasonic Welding of—41 and 42, (May).
Simulators to Test Assemblies, Development of Techniques for Joining Fuel Rod—A. J. Moorhead and R. W. Reed, 41 to 50, (Sept.).
*Smoke Removal Involves Three Filtration Techniques, Electrostatic Precipitation for Welding Fume/—41 and 42, (June).
*Solder-Joined Strip a "Big 10-4" in CB Radio Production—47 and 49, (Jan.).
*Soldering Adds Spark to Zinc Carbon Batteries, Paste—50 and 52, (Mar.).
Space Shuttle Orbiter Crew Module, Welding of the—E. L. Whiffen, L. J. Korb and C. E. Oleksiak, 17 to 24, (Sept.).
Space Shuttle, Welding of the External Tank of the—F. R. Clover, Jr., 17 to 26, (Aug.).
*Spot Welds for Microwave Oven, 12 Guns + 8.5 Seconds = 68—51 and 52, (Aug.).
*Spraying Cuts Coal-Processing Equipment Maintenance Costs, Flame—39 and 40, (May).
Spring Steel Attachment Problem, Sandwich Weld Technique Solves—E. W. Litch, 46 to 48, (Feb.).
Spring Welds Using Stress Wave Emission (SWE) Techniques, Testing Low Profile (LP) Relay Break—M. C. Jon, C. A. Keskimaki, S. T. Gorbos and V. E. Califano, 23 to

*A Practical Welder article

27, (Apr.).
Stainless Steel Electrodes, Underwater Wet Welding with Nickel Base and—E. P. Sadowski, 30 to 38, (July).
*Station Provides 80% Material Savings, Ring Forming/Welding—50, (Jan.).
Steel Attachment Problem, Sandwich Weld Technique Solves Spring—E. W. Litch, 46 to 48, (Feb.).
*Steel Plate Enhances Looks, Durability of Welded Products, Patterned—54, (Feb.).
Stress Wave Emission (SWE) Techniques, Testing Low Profile (LP) Relay Break Spring Welds Using—M.C. Jon, C. A. Keskimaki, S. T. Gorbos and V. E. Califano, 23 to 27, (Apr.).
Strip, Electron Beam Welding for Dual Metal—R. J. Russell, 21 to 24, (Jan.).
*Swedish Auto Plant, Robot Increases Welding Production at—45, (July).

Tank of the Space Shuttle, Welding of the External—F. R. Clover, Jr., 17 to 26, (Aug.).
*Tanks, Automated Unit Welds Flimsy—41 and 42, (Nov.).
Tearing-The Problem Nobody Seems to Want to Talk About, Lamellar—E. Holby and J. F. Smith, 37 to 44, (Feb.).
Temper Embrittlement, An American Breakthrough-Fabrication of 2¼ Cr-1 Mo Vessels Which Meet Requirements to Check—42 and 45, (Nov.).
Testing Low Profile (LP) Relay Break Spring Welds Using Stress Wave Emission (SWE) Techniques—M. C. Jon, C. A. Keskimaki, S. T. Gorbos and V. E. Califano, 23 to 27, (Apr.).
Thin Gauge Aluminum, Adaptive Spray-A New Process for—Jon Reynolds, 23 to 27, (July).
*Time, Dollars, Plasma Arc Saves Hard Facing—51 and 52, (Feb.).
*Tin/Lead Solder Enhances Heat Transfer Efficiency of Solar Energy Systems—42, (Dec.).
Titanium Acoustic Structures, Aluminum Brazed—C. E. Kimball, 26 to 30, (Oct.).
Training: A Comparison . . . Part I, 1980 Fred L. Plummer Educational Lecture: Welding Skills—Eugene G. Hornberger, 16 to 21, (Dec.).
Training of Prison Inmates as Welding Operators, The—G. J. Tahash, Jr., 17 to 24, (Mar.).
Training Program for Welding Inspection-Visual, The Development of a Comprehensive—R. E. Long, 27 to 33, (Mar.).
Tube-to-Tubesheet Joints, Internal Bore Welding of 2¼ Cr-1 Mo Steel—A. J. Moorhead and R. W. Reed, 26 to 37, (Jan.).
*Tube-to-Tubesheet Welding, Automatic GTAW Tops for—52 and 53, (Sept.).
Tunnel Furnace Brazing of Aluminum Using a Non-Corrosive Flux—W. E. Cooke and H. Bowman, 17 to 20, (Oct.).
Turbine Engine Power Shaft, Inertia and Electron Beam Welded—J. A. Miller and J. J. O'Connor, 17 to 22, (May).
2¼ Cr-1 Mo Steel Tube-To-Tubesheet Joints, Internal Bore Welding of—A. J. Moorhead and R. W. Reed, 26 to 37, (Jan.).
*2¼ Cr-1 Mo Vessels Which Meet Requirements to Check Temper Embrittlement, An American Breakthrough-Fabrication of—42 and 45, (Nov.).

Ultrasonic Welding of Silver Electrical Contacts—41 and 42, (May).
*Ultrasonically Assisted Brazing Yields High Quality Joints—52 and 53, (Feb.).
Underwater Wet Welding with Nickel Base and Stainless Steel Electrodes—E. P. Sadowski, 30 to 38, (July).

Valve Bodies, The Diffusion Welding of 390 Aluminum Alloy Hydraulic—R. A. Morley and J. Caruso, 29 to 34, (Aug.).
*Valvemaker Gains in Quality, Production, Economy with Plasma Surfacing—42 and 43, (July).
*Vessel Heads Saves $7,200, Mechanical Welding Fabrication of Pressure—40 and 41, (May).
Visual, The Development of a Comprehensive Training Program for Welding Inspection—R. E. Long, 27 to 33, (Mar.).

Wave Emission (SWE) Techniques, Testing Low Profile (LP) Relay Break Spring Welds Using Stress—M. C. Jon, C. A. Keskimaki, S. T. Gorbos and V. E. Califano, 23 to 27, (Apr.).
*Weld-Assembly System Offers Production Pluses—42, (Apr.).
*Weld Recycling Saves Damaged Light Poles—52 and 53, (Mar.).
Weld Technique Solves Spring Steel Attachment Problem, Sandwich—E. W. Litch, 46 to 48, (Feb.).
Welded Aluminum Alloys, Improving the Fatigue Performance of—T. W. Montemarano and M. E. Wells, 21 to 28, (June).
Welded Turbine Engine Power Shaft, Inertia and Electron Beam—J. A. Miller and J. J. O'Connor, 17 to 22, (May).
Welding, Application Considerations for Selecting Industrial Robots for Arc—M. J. Sullivan, 28 to 31, (Apr.).
Welding Eliminates Costly Field Machining on Large Mining Shovel, Electroslag—R. D. Myers, 17 to 22, (Apr.).
*Welding Fabrication of Pressure Vessel Heads Saves $7,200, Mechanized—40 and 41, (May).
Welding for Capsule Closure, High Current Resistance—W. R. Kanne, Jr., and J. W. Kelker, Jr., 32 to 36, (Nov.).
*Welding Fume/Smoke Removal Involves Three Filtration Techniques, Electrostatic Precipitation—41 and 42, (June).
*Welding Gives "Lift" to Automotive Vehicle Lift Production—46, (Aug.).
Welding in China—Welding Institution of the Chinese Mechanical Engineering Society, 23 to 29, (Nov.).
Welding in Engineering Education, The Place of—H. B. Cary, 17 to 20, (June).
Welding Inspection-Visual, The Development of a Comprehensive Training Program for—R. E. Long, 27 to 33, (Mar.).
*Welding Integrity Recognized at the "Indy 500"—H. F. Prah, 48 and 49, (Aug.).
Welding of the External Tank of the Space Shuttle—F. R. Clover, Jr., 17 to 26, (Aug.).
*Welding Job, Fabrication Tackles King-Size—35 and 37, (Apr.).
Welding Operators, The Training of Prison Inmates as—G. J. Tahash, Jr., 17 to 24, (Mar.).
*Welding Pays, as Job or Career—49 and 50, (Mar.).
*Welding of Silver Electrical Contacts, Ultrasonic—41 and 42, (May).
Welding of the Space Shuttle Orbiter Crew Module—E. L. Whiffen, L. J. Korb and C. E. Oleksiak, 17 to 24, (Sept.).
*Welding Station Provides 80% Material Savings, Ring Forming/—50, (Jan.).
*Welding System, Electric Brakes Control Wheel Rim—53 and 56, (Mar.).
*Welding Unit Speeds Lay Barge Operations, Japanese—37 and 38, (Apr.).
*Welds in Hartford Coliseum's New Roof Get Extensive Radiographic Inspection—41 and 42, (July).

A Practical Welder article

Welds Using Stress Wave Emission (SE) Techniques, Testing Low Profile (LP) Relay Break Spring—M. C. Jon, C. A. Keskimaki, S. T. Gorbos and V. E. Califano, 23 to 27, (Apr.).

*Wheel Rim Welding System, Electric Brakes Control—53 and 56, (Mar.).

Wire Cleanliness, Plasma Cladding Dye Penetrant Indications Are Related to—J. W. York, 32 to 37, (Dec.).

*Zinc Carbon Batteries, Paste Soldering Adds Spark to—50 and 52, (Mar.).

A Practical Welder article

AUTHOR INDEX

Armstrong, F. W., and Grist, F. J.—A New AC Constant Potential Power Source for Heavy Plate, Deep Groove Welding, 30 to 35, (June).

Biagi, L. A., Koehler, G. W., and Paterson, J. A.—The Fabrication and Brazing of 15A, 120keV Continuous Duty Accelerator Grid Assemblies, 33 to 35, (Oct.).

Bowman, H., and Cooke, W. E.—Tunnel Furnace Brazing of Aluminum Using a Non-Corrosive Flux, 17 to 20, (Oct.).

Burkle, W. S., and Lightfoot, J. O.—Practical Guidelines for Pipe Purging, 34 to 37, (May).

Califano, V. E., Jon, M. C., Keskimaki, C. A., and Gorbos, S. T.—Testing Low Profile (LP) Relay Break Spring Welds Using Stress Wave Emission (SWE) Techniques, 23 to 27, (Apr.).

Campbell, R. J.—1979 Plummer Lecture: Profit Improvement through Welding, 17 to 31, (Feb.).

Caruso, J., and Morley, R. A.—The Diffusion Welding of 390 Aluminum Alloy Hydraulic Valve Bodies, 29 to 34, (Aug.).

Cary, H. B.—The Place of Welding in Engineering Education, 17 to 20, (June).

Chinese Mechanical Engineering Society, Welding Institution of the—Welding in China, 23 to 29, (Nov.).

Clover, Jr., F. R.—Welding of the External Tank of the Space Shuttle, 17 to 26, (Aug.).

Cooke, W. E., and Bowman, H.—Tunnel Furnace Brazing of Aluminum Using a Non-Corrosive Flux, 17 to 20, (Oct.).

Fujimori, S., and Saito, T.—A New High Current Density GMAW/SAW Process for Arctic-Grade Line Pipes, 36 to 44, (Aug.).

Gajdusek, E.—Advances in Non-Vacuum Electron Beam Technology, 17 to 21, (July).

Gibbs, F. E.—Ceramic Backing for All-Position GMA Welding 5083 Aluminum Alloy, 23 to 30, (Dec.).

Gorbos, S. T., Califano, V. E., Jon, M. C., and Keskimaki, C. A.—Testing Low Profile (LP) Relay Break Spring Welds Using Stress Wave Emission (SWE) Techniques, 23 to 27, (Apr.).

Grist, F. J., and Armstrong, F. W.—A New AC Constant Potential Power Source for Heavy Plate, Deep Groove Welding, 30 to 35, (June).

Hetzel, D. E.—Establishing the Welding Program, 28 to 38, (Sept.).

Hoikkala, M., Moss, C. E., Marshall, W. J., and Sliney, D. H.—Optical Radiation Levels Produced by Air Carbon Arc Cutting Processes, 43 to 46, (Mar.).

Holby, E., and Smith, J. F.—Lamellar Tearing-The Problem Nobody Seems to Want to Talk About, 37 to 44, (Feb.).

Hood, D. W., Keiser, D. D., Key, J. F., and Turner, P. W.—Joint Geometry Influence on Mechanized Pipe Welding, 24 to 32, (May).

Hornberger, Eugene G.—1980 Fred L. Plummer Educational Lecture: Welding Skills Training: A Comparison . . . Part I, 16 to 21, (Dec.).

Jon, M. C., Keskimaki, C. A., Gorbos, S. T., and Califano, V. E.—Testing Low Profile (LP) Relay Break Spring Welds Using Stress Wave Emission (SWE) Techniques, 23 to 27, (Apr.).

Kanne, Jr., W. R., and Kelker, Jr., J. W.—High Current Resistance Welding for Capsule Closure, 32 to 36, (Nov.).

Keiser, D. D., Key, J. F., Turner, P. W., and Hood, D. W.—Joint Geometry Influence on Mechanized Pipe Welding, 24 to 32, (May).

Kelker, Jr., J. W., and Kanne, Jr., W. R.—High Current Resistance Welding for Capsule Closure, 32 to 36, (Nov.).

Keskimaki, C. A., Gorbos, S. T., Califano, V. E., and Jon, M. C.—Testing Low Profile (LP) Relay Break Spring Welds Using Stress Wave Emission (SWE) Techniques, 23 to 27, (Apr.).

Key, J. F., Turner, P. W., Hood, D. W., and Keiser, D. D.—Joint Geometry Influence on Mechanized Pipe Welding, 24 to 32, (May).

Kimball, Charles E.—Aluminum Brazed Titanium Acoustic Structures, 26 to 30, (Oct.).

Koehler, G. W., Paterson, J. A., and Biagi, L. A.—The Fabrication and Brazing of 15A, 120keV Continuous Duty Accelerator Grid Assemblies, 33 to 35, (Oct.).

Korb, L. J., Oleksiak, C. E., and Whiffen, E. L.—Welding of the Space Shuttle Orbiter Crew Module, 17 to 24, (Sept.).

Lightfoot, J. O., and Burkle, W. S.--Practical Guidelines for Pipe Purging, 34 to 37, (May).

Litch, E. W.—Sandwich Weld Technique Solves Spring Steel Attachment Problem, 46 to 48, (Feb.).

Long, R. E.—The Development of a Comprehensive Training Program for Welding Inspection-Visual, 27 to 33, (Mar.).

Marshall, W. J., Sliney, D. H., Hoikkala, M., and Moss, C. E.—Optical Radiation Levels Produced by Air Carbon Arc Cutting Processes, 43 to 46, (Mar.).

Miller, J. A., and O'Connor, J. J.—Inertia and Electron Beam Welded Turbine Engine Power Shaft, 17 to 22, (May).

Montemarano, T. W., and Wells, M. E.—Improving the Fatigue Performance of Welded Aluminum Alloys, 21 to 28, (June).

Moorhead, A. J., and Reed, R. W.—Development of Techniques for Joining Fuel Rod Simulators to Test Assem-

blies, 41 to 50, (Sept.).
Moorhead, A. J., and Reed, R. W.—Internal Bore Welding of 2¼ Cr-1 Mo Steel Tube-to-Tubesheet Joints, 26 to 37, (Jan.).
Morley, R. A., and Caruso, J.—The Diffusion Welding of 390 Aluminum Alloy Hydraulic Valve Bodies, 29 to 34, (Aug.).
Moss, C. E., Marshall, W. J., Sliney, D. H., and Hoikkala, M.—Optical Radiation Levels Produced by Air Carbon Arc Cutting Processes, 43 to 46, (Mar.).
Myers, R. D.—Electroslag Welding Eliminates Costly Field Machining on Large Mining Shovel, 17 to 22, (Apr.).

Nelson, T. A., Solomon, J., and Whitman, W.—Furnace Brazing with Nitrogen Atmospheres, 21 to 25, (Oct.).

O'Connor, J. J., and Miller, J. A.—Inertia and Electron Beam Welded Turbine Engine Power Shaft, 17 to 22, (May).
Oleksiak, C. E., Whiffen, E. L., and Korb, L. J.—Welding of the Space Shuttle Orbiter Crew Module, 17 to 24, (Sept.).

Paterson, J. A., Biagi, L. A., and Koehler, G. W.—The Fabrication and Brazing of 15A, 120keV Continuous Duty Accelerator Grid Assemblies, 33 to 35, (Oct.).
*Prah, Harry F.—Welding Integrity Recognized at the "Indy 500," 48 and 49, (Aug.).

Reed, R. W., and Moorhead, A. J.—Development of Techniques for Joining Fuel Rod Simulators to Test Assemblies, 41 to 50, (Sept.).
Reed, R. W., and Moorhead, A. J.—Internal Bore Welding of 2¼ Cr-1 Mo Steel Tube-To-Tubesheet Joints, 26 to 37, (Jan.).
Reynolds, Jon—Adaptive Spray-A New Process for Thin Gauge Aluminum, 23 to 27, (July).
Russell, R. J.—Electron Beam Welding for Dual Metal Strip, 21 to 24, (Jan.).

*A Practical Welder article

Sadowski, E. P.—Underwater Wet Welding with Nickel Base and Stainless Steel Electrodes, 30 to 38, (July).
Saito, T., and Fujimori, S.—A New High Current Density GMAW/SAW Process for Arctic-Grade Line Pipes, 36 to 44, (Aug.).
*Singh, Awtar—On-Site Weld-Repair of a Heavy Plate Bending Roll-A Success Story, 53 and 57, (Sept.).
Sliney, D. H., Hoikkala, M., Moss, C. E., and Marshall, W. J.—Optical Radiation Levels Produced by Air Carbon Arc Cutting Processes, 43 to 46, (Mar).
Smith, J. F., and Holby, E.—Lamellar Tearing-The Problem Nobody Seems to Want to Talk About, 37 to 44, (Feb.).
Solomon, J., Whitman, W., and Nelson, T. A.—Furnace Brazing with Nitrogen Atmospheres, 21 to 25, (Oct.).
Stuefen, R. L.—AC or DC? For Aluminum Resistance Welding in Consideration of Electrical Demand, 39 to 43, (Jan.).
Sullivan, M. J.—Application Considerations for Selecting Industrial Robots for Arc Welding, 28 to 31, (Apr.).

Tahash, Jr., G. J.—The Training of Prison Inmates as Welding Operators, 17 to 24, (Mar.).
Turner, P. W., Hood, D. W., Keiser, D. D., and Key, J. F.—Joint Geometry Influence on Mechanized Pipe Welding, 24 to 32, (May).

Weber, Jeff—A Heritage in Metals, 16 to 21, (Nov.).
Welding Institution of the Chinese Mechanical Engineering Society—Welding in China, 23 to 29, (Nov.).
Wells, M. E., and Montemarano, T. W.—Improving the Fatigue Performance of Welded Aluminum Alloys, 21 to 28, (June).
Whiffen, E. L., Korb, L. J., and Oleksiak, C. E.—Welding of the Space Shuttle Orbiter Crew Module, 17 to 24, (Sept.).
Whitman, W., Nelson, T. A., and Solomon, J.—Furnace Brazing with Nitrogen Atmospheres, 21 to 25, (Oct.).

York, J. W.—Plasma Cladding Dye Penetrant Indications are Related to Wire Cleanliness, 32 to 37, (Dec.).

Part 2—WELDING RESEARCH SUPPLEMENT

SUBJECT INDEX

Adams Lecture: Twenty Years of Pressure Vessel Steel Research, 1980—Alan W. Pense, 311-s to 325-s, (Nov.).
Alloy Composition of Ferrite Morphology, Solidification of Austenitic Stainless Steel Weldments: Part 2-The Effect of—J. C. Lippold and W. F. Savage, 48-s to 58-s, (Feb.).
Alloy Weldments, Property-Microstructure Relationships in Metastable-Beta Titanium—D. W. Becker and W. A. Baeslack III, 85-s to 92-s, (Mar.).
Alloys, Metal Transfer in Aluminum—R. A. Woods, 59-s to 66-s, (Feb.).
All-Weld-Metal Deposits, Effect of Manganese on the Microstructure and Properties of—G. M. Evans, 67-s to 75-s, (Mar.).
Aluminum Alloys, Metal Transfer in—R. A. Woods, 59-s to 66-s, (Feb.).
Aluminum, Effects of Shielding Gas on Gas Metal Arc Welding—W. R. Reichelt, J. W. Evancho and M. G. Hoy, 147-s to 155-s, (May).
Analysis of Type 330 Welds by Scanning Electron Microscopy, Failure—J. B. Koch and K. A. Hill, 242-s to 244-s, (Aug).
Arc, Magnetic Deflection of the Pulsed Current Welding—G. M. Ecer, 183-s to 191-s, (June).
Arc Welding Aluminum, Effects of Shielding Gas on Gas Metal—W. R. Reichelt, J. W. Evancho and M. G. Hoy, 147-s to 155-s, (May).
Arc Welding, Investigation of Cracking in SWAC Submerged—J. W. York, 156-s to 160-s, (May).
Arc Welding of Ti-6Al-4V, Effect of Orifice Geometry in

Plasma—C. B. Shaw, Jr., 121-s to 125-s, (Apr.).
Arc Welding, Tungsten Contamination during Gas Tungsten—R. C. Voigt and C. R. Loper, Jr., 99-s to 103-s, (Apr.).
Argon-Tungsten Arcs Operating in High Pressure (1 to 14 Bars abs.) Environments, Some Effects of Shielding Gas Flow on—C. J. Allum, B. E. Pinfold and J. H. Nixon, 199-s to 207-s, (July).
Austenitic Stainless Steel Weldments: Part 2-The Effect of Alloy Composition on Ferrite Morphology, Solidification of—J. C. Lippold and W. F. Savage, 48-s to 58-s, (Feb.).

Brazed Stainless Steel Joints, Structure of Low-Phosphorus Alloyed Nickel-Chromium-Silicon—E. Lugscheider, K. Klohn and W. Burchard, 283-s to 288-s, (Oct.).
Brazing, Dissolution and Deposit of Base Metal in Dissimilar Carbon Steel—T. Yoshida and H. Ohmura, 278-s to 282-s, (Oct.).
Brazing, Laser—C. E. Witherell and T. J. Ramos, 267-s to 277-s, (Oct.).

Carbon Mo-Nb X-70 Pipeline Steel, Weldability of a Low—J. A. Bryhan and W. Troyer, 37-s to 47-s, (Feb.).
Carbon Steel Submerged Arc Welds-Tensile Strength vs. Corrosion Resistance—H. W. Ebert and F. J. Winsor, 193-s to 198-s, (July).
Cast Stainless Steel, Weldability and Solidification Phenomena of—M. J. Cieslak and W. F. Savage, 136-s to 146-s, (May).
Characterization of Spot Welding Behavior by Dynamic Electrical Parameter Monitoring—D. W. Dickinson, J. E. Franklin and A. Stanya, 170-s to 176-s, (June).
Chemistry, The Effect of SAW Parameters on Weld Metal—C. S. Chai and T. W. Eagar, 93-s to 98-s, (Mar.).
Conductivity of the Copper-Tin Intermetallic Compound Cu_3Sn in the Temperature Range—195°C to +150°C, Electrical—W. J. Reichenecker, 308-s to 310-s, (Oct.).
Contamination during Gas Tungsten Arc Welding, Tungsten—R. C. Voigt and C. R. Loper, Jr., 99-s to 103-s, (Apr.).
Copper-Tin Intermetallic Compound Cu_3Sn in the Temperature Range—195°C to +150°C, Electrical Conductivity of the—W. J. Reichenecker, 308-s to 310-s, (Oct.).
Corrosion in Duplex 304L Stainless Steel, Technical Note: The Effect of Retained Ferrite on Localized—P. E. Manning, D. J. Duquette and W. F. Savage, 260-s to 262-s, (Sept.).
Corrosion Resistance, Carbon Steel Submerged Arc Welds-Tensile Strength vs.—H. W. Ebert and F. J. Winsor, 193-s to 198-s, (July).
Corrosion Resistant Ni-Cr-Ti Filler Metal, Development of a—E. P. Sadowski, 161-s to 169-s, (June).
Corrosive Effect of Soldering Fluxes and Handling on Some Electronic Materials, The—B. D. Dunn and C. Chandler, 289-s to 307-s, (Oct.).
Council-A Report to the American Welding Society, The Metals Properties—Adolph O. Schaefer, 263-s to 266-s, (Sept.).
Cracking in SWAC Submerged Arc Welding, Investigation of—J. W. York, 156-s to 160-s, (May).
Cracking of HY-Steel Weldments, Seawater Subcritical—C. A. Zanis, P. W. Holsberg and E. C. Dunn, Jr., 355-s to 363-s, (Dec.).
Creep Crack Growth in Controlled Microstructure Cr-Mo-V Heat-Affected Zones—D. J. Gooch and B. L. King, 10-s to 18-s, (Jan.).
Cr-Mo-V Heat-Affected Zones, Creep Crack in Controlled Microstructure—D. J. Gooch and B. L. King, 10-s to 18-s, (Jan.).
Crack Growth in Controlled Microstructure Cr-Mo-V Heat-Affected Zones, Creep—D. J. Gooch and B. L. King, 10-s to 18-s, (Jan.).
Cryogenic Temperatures, Metallurgical Factors Affecting the Toughness of 316L SMA Weldments at—D. T. Read, H. I. McHenry, P. A. Steinmeyer and R. D. Thomas, Jr., 104-s to 113-s, (Apr.).
Current Welding Arc, Magnetic Deflection of the Pulsed—G. M. Ecer, 183-s to 191-s, (June).

Deflection of the Pulsed Current Welding Arc, Magnetic—G. M. Ecer, 183-s to 191-s, (June).
Deposits, Effect of Manganese on the Microstructure and Properties of All-Weld-Metal—G. M. Evans, 67-s to 75-s, (Mar.).
Development of a Corrosion Resistant Ni-Cr-Ti Filler Metal—E. P. Sadowski, 161-s to 169-s, (June).
Diffusible Hydrogen in Welds, A Water Displacement Method for Measuring—G. C. Schmid and R. D. Rodabaugh, 217-s to 225-s, (Aug.).
Discussion on "The Relationship of Weld Penetration to the Welding Flux"—B. M. Patchett and D. D. Schwemmer, 31-s to 36-s, (Jan.).
Dissimilar Carbon Steel Brazing, Dissolution and Deposit of Base Metal in—T. Yoshida and H. Ohmura, 278-s to 282-s, (Oct.).
Dissolution and Deposit of Base Metal in Dissimilar Carbon Steel Brazing—T. Yoshida and H. Ohmura, 278-s to 282-s, (Oct.).
Ductility in Thin Sheets of Ti-6Al-4V, Use of Postweld Heat Treatments to Improve—K. Borggreen and I. Wilson, 1-s to 9-s, (Jan.).
Duplex 304L Stainless Steel, Technical Note: The Effect of Retained Ferrite on Localized Corrosion in—P. E. Manning, D. J. Duquette and W. F. Savage, 260-s to 262-s, (Sept.).

Effect of Manganese on the Microstructure and Properties of All-Weld-Metal Deposits—G. M. Evans, 67-s to 75-s, (Mar.).
Effect of Orifice Geometry in Plasma-Arc Welding of Ti-6Al-4V—C. B. Shaw, Jr., 121-s to 125-s, (Apr.).
Effect of SAW Parameters on Weld Metal Chemistry, The—C. S. Chai and T. W. Eagar, 93-s to 98-s, (Mar.).
Effects of Shielding Gas on Gas Metal Arc Welding Aluminum—W. R. Reichelt, J. W. Evancho and M. G. Hoy, 147-s to 155-s, (May).
Electrical Conductivity of the Copper-Tin Intermetallic Compound Cu_3Sn in the Temperature Range—195°C to +150°C—W. J. Reichenecker, 308-s to 310-s, (Oct.).
Electrical Parameter Monitoring, Characterization of Spot Welding Behavior by Dynamic—D. W. Dickinson, J. E. Franklin and A. Stanya, 170-s to 176-s, (June).
Electronic Materials, The Corrosive Effect of Soldering Fluxes and Handling on Some—B. D. Dunn and C. Chandler, 289-s to 307-s, (Oct.).
Electroslag Welds, Metallurgical and Thermal Characteristics of Non-Vertical—J. E. Jones, D. L. Olson and G. P. Martins, 245-s to 254-s, (Sept.).
Elevated Temperature Tensile Behavior of ERNiCr-3 Weld Metal—R. L. Klueh and J. F. King, 114-s to 120-s, (Apr.).
ERNiCr-3 Weld Metal, Elevated Temperature Tensile Behavior of—R. L. Klueh and J. F. King, 114-s to 120-s, (Apr.).
Evaluation of Various Filler Wire Compositions for GTA Welding of Low Alloy Steels—R. E. Monley, Sr., 127-s to 135-s, (May).

Failure Analysis of Type 330 Welds by Scanning Electron Microscopy—J. B. Koch and K. A. Hill, 242-s to 244-s, (Aug.).

Fatigue Behavior and Analysis of Welded AlZnMg Joints—Dimitris Kosteas, 371-s to 377-s, (Dec.).
Fatigue Crack Growth in HY130 Steel Weldments in Air and Water—O. Vosikovsky, 255-s to 259-s, (Sept.).
Ferrite on Localized Corrosion in Duplex 304L Stainless Steel, Technical Note: The Effect of Retained—P. E. Manning, D. J. Duquette and W. F. Savage, 260-s to 262-s, (Sept.).
Ferrite Morphology, Solidification of Austenitic Stainless Steel Weldments: Part 2-The Effect of Alloy Composition on—J. C. Lippold and W. F. Savage, 48-s to 58-s, (Feb.).
Field Weldability Test for Pipeline Steels-Part II, A—R. Vasudevan, R. D. Stout and A. W. Pense, 76-s to 84-s, (Mar.).
Filler Metal, Development of a Corrosion Resistant Ni-Cr-Ti—E. P. Sadowski, 161-s to 169-s, (June).
Filler Wire Compositions for GTA Welding of Low Alloy Steels, Evaluation of Various—R. E. Monley, Sr., 127-s to 135-s, (May).
Flux," Discussion on "The Relationship of Weld Penetration to the Welding—B. M. Patchett and D. D. Schwemmer, 31-s to 36-s, (Jan.).
Fluxes and Handling on Some Electronic Materials, The Corrosive Effect of Soldering—B. D. Dunn and C. Chandler, 289-s to 307-s, (Oct.).

Gas on Gas Metal Arc Welding Aluminum, Effects of Shielding—W. R. Reichelt, J. W. Evancho and M. G. Hoy, 147-s to 155-s, (May).
Gas Interrelationships in GTAW, Anode/Cathode Geometry and Shielding—J. F. Key, 365-s to 370-s, (Dec.).
Gas Tungsten Arc Welding, Tungsten Contamination during—R. C. Voigt and C. R. Loper, Jr., 99-s to 103-s, (Apr.).
Geometry and Shielding Gas Interrelationships in GTAW, Anode/Cathode—J. F. Key, 365-s to 370-s, (Dec.).
Geometry in Plasma-Arc Welding of Ti-6Al-4V, Effect of Orifice—C. B. Shaw, Jr., 121-s to 125-s, (Apr.).
Graphitizing Effect in Gray Iron Welds, Aluminum's—Jack H. Devletian, 349-s to 354-s, (Dec.).
Gray Iron Welds, Aluminum's Graphitizing Effect in—Jack H. Devletian, 349-s to 354-s, (Dec.).
GTA Welding of Low Alloy Steels, Evaluation of Various Filler Wire Compositions for—R. E. Monley, Sr., 127-s to 135-s, (May).
GTAW, Anode/Cathode Geometry and Shielding Gas Interrelationships in—J. F. Key, 365-s to 370-s, (Dec.).

Helium Temperature, Welding Stainless Steels for Structures Operating at Liquid—Charles E. Witherell, 326-s to 342-s, (Nov.).
High-Frequency Electric Resistance Welding-1st Report, Welding Phenomena and Welding Mechanisms in—H. Haga, K. Aoki and T. Sato, 208-s to 212-s, (July).
High Pressure (1 to 14 Bars abs.) Environments, Some Effects of Shielding Gas Flow on Argon-Tungsten Arcs Operating in—C. J. Allum, B. E. Pinfold and J. H. Nixon, 199-s to 207-s, (July).
High-Strength Sheet Steels, Spot Weldability of—J. M. Sawhill, Jr., and J. C. Baker, 19-s to 30-s, (Jan.).
Hot Cracking Resistance of Austenitic Stainless Steel Weld Metals—C. D. Lundin, C.-P. D. Chou and C. J. Sullivan, 226-s to 232-s, (Aug.).
HY130 Steel Weldments in Air and Water, Fatigue Crack Growth in—O. Vosikovsky, 255-s to 259-s, (Sept.).
HY-Steel Weldments, Seawater Subcritical Cracking of—C. A. Zanis, P. W. Holsberg and E. C. Dunn, Jr., 355-s to 363-s, (Dec.).

Influence of Preheat Temperature on Stellite Deposits—M. D. Mathew, S. L. Mannan and S. K. Gupta, 213-s to 216-s, (July).
Investigation of Cracking in SWAC Submerged Arc Welding—J. W. York, 156-s to 160-s, (May).
Iron Welds, Aluminum's Graphitizing Effect in Gray—Jack H. Devletian, 349-s to 354-s, (Dec.).

Lamellar Tearing Susceptibility by Mechanical Testing, Prediction of—D. W. Dickinson, B. L. Ferguson and G. D. Ries, 343-s to 348-s, (Nov.).
Laser Brazing—C. E. Witherell and T. J. Ramos, 267-s to 277-s, (Oct.).
Lecture: Twenty Years of Pressure Vessel Steel Research, 1980 Adams—Alan W. Pense, 311-s to 325-s, (Nov.).
Low-Carbon Mo-Nb X-70 Pipeline Steel, Weldability of a—A. J. Bryhan and W. Troyer, 37-s to 47-s, (Feb.).

Magnetic Deflection of the Pulsed Current Welding Arc—G. M. Ecer, 183-s to 191-s, (June).
Manganese on the Microstructure and Properties of All-Weld-Metal Deposits, Effect of—G. M. Evans, 67-s to 75-s, (Mar.).
Metal Arc Welding Aluminum, Effects of Shielding Gas on Gas—W. R. Reichelt, J. W. Evancho and M. G. Hoy, 147-s to 155-s, (May).
Metal Chemistry, The Effect of SAW Parameters on Weld—C. S. Chai and T. W. Eagar, 93-s to 98-s, (Mar.).
Metal Deposits, Effect of Manganese on the Microstructure and Properties of All-Weld—G. M. Evans, 67-s to 75-s, (Mar.).
Metal, Development of a Corrosion Resistant Ni-Cr-Ti Filler—E. P. Sadowski, 161-s to 169-s, (June).
Metal, Elevated Temperature Tensile Behavior of ERNiCr-3 Weld—R. L. Klueh and J. F. King, 114-s to 120-s, (Apr.).
Metal Properties Council—A Report to the American Welding Society—Adolph O. Schaefer, 263-s to 266-s, (Sept.).
Metal Transfer in Aluminum Alloys—R. A. Woods, 59-s to 66-s, (Feb.).
Metallurgical Factors Affecting the Toughness of 316L SMA Weldments at Cryogenic Temperatures—D. T. Read, H. I. McHenry, P. A. Steinmeyer and R. D. Thomas, Jr., 104-s to 113-s, (Apr.).
Metallurgical and Thermal Characteristics of Non-Vertical Electroslag Welds—J. E. Jones, D. L. Olson and G. P. Martins, 245-s to 254-s, (Sept.).
Metastable-Beta Titanium Alloy Weldments, Property-Microstructure Relationships in—D. W. Becker and W. A. Baeslack III, 85-s to 92-s, (Mar.).
Microfissuring in Austenitic Stainless Steel Weld Metal, Welding Variables and—T. G. Gooch and J. Honeycombe, 233-s to 241-s, (Aug.).
Microstructure and Properties of All-Weld-Metal Deposits, Effect of Manganese on the—G. M. Evans, 67-s to 75-s, (Mar.).
Microstructure Relationships in Metastable-Beta Titanium Alloy Weldments, Property—D. W. Becker and W. A. Baeslack III, 85-s to 92-s, (Mar.).
Mo-Nb X-70 Pipeline Steel, Weldability of a Low-Carbon—A. J. Bryhan and W. Troyer, 37-s to 47-s, (Feb.).
Monitoring, Characterization of Spot Welding Behavior by Dynamic Electrical Parameter—D. W. Dickinson, J. E. Franklin and A. Stanya, 170-s to 176-s, (June).
Morphology, Solidification of Austenitic Stainless Steel Weldments: Part 2-The Effect of Alloy Composition on Ferrite—J. C. Lippold and W. F. Savage, 48-s to 58-s, (Feb.).

Nb X-70 Pipeline Steel, Weldability of a Low-Carbon Mo—A.

J. Bryhan and W. Troyer, 37-s to 47-s, (Feb.).
Ni-Cr-Ti Filler Metal, Development of a Corrosion Resistant—E. P. Sadowski, 161-s to 169-s, (June).
1980 Adams Lecture: Twenty Years of Pressure Vessel Steel Research—Alan W. Pense, 311-s to 325-s, (Nov.).
Non-Vertical Electroslag Welds, Metallurgical and Thermal Characteristics of—J. E. Jones, D. L. Olson and G. P. Martins, 245-s to 254-s, (Sept.).

Orifice Geometry in Plasma-Arc Welding of Ti-Al-4V, Effect of—C. B. Shaw, Jr., 121-s to 125-s, (Apr.).

Parameter Monitoring, Characterization of Spot Welding Behavior by Dynamic Electrical—D. W. Dickinson, J. E. Franklin and A. Stanya, 170-s to 176-s, (June).
Penetration to the Welding Flux," Discussion on "The Relationship of Weld—B. M. Patchett and D. D. Schwemmer, 31-s to 36-s, (Jan.).
Pipeline Steel, Weldability of a Low-Carbon Mo-Nb X-70—A. J. Bryhan and W. Troyer, 37-s to 47-s, (Feb.).
Pipeline Steels-Part II, A Field Weldability Test for—R. Vasudevan, R. D. Stout and A. W. Pense, 76-s to 84-s, (Mar.).
Plasma-Arc Welding of Ti-6Al-4V, Effect of Orifice Geometry in—C. B. Shaw, Jr., 121-s to 125-s, (Apr.).
Prediction of Lamellar Tearing Susceptibility by Mechanical Testing—D. W. Dickinson, B. L. Ferguson and G. D. Ries, 343-s to 348-s, (Nov.).
Preheat Temperature on Stellite Deposits, Influence of—M. D. Mathew, S. L. Mannan and S. K. Gupta, 213-s to 216-s, (July).
Pressure Vessel Steel Research, 1980 Adams Lecture: Twenty Years of—Alan W. Pense, 311-s to 325-s, (Nov.).
Properties Council-A Report to the American Welding Society, The Metal—Adolph O. Schaefer, 263-s to 266-s, (Sept.).
Properties of All-Weld-Metal Deposits, Effect of Manganese on the Microstructure and—G. M. Evans, 67-s to 75-s, (Mar.).
Property-Microstructure Relationships in Metastable-Beta Titanium Alloy Weldments—D. W. Becker and W. A. Baeslack III, 85-s to 92-s, (Mar.).
Pulsed Current Welding Arc, Magnetic Deflection of the—G. M. Ecer, 183-s to 191-s, (June).

Resistance of Austenitic Stainless Steel Weld Metals, Hot Cracking—C. D. Lundin, C.-P. D. Chou and C. J. Sullivan, 226-s to 232-s, (Aug.).
Resistance Welding-1st Report, Welding Phenomena and Welding Mechanisms in High-Frequency Electric—H. Haga, K. Aoki and T. Sato, 208-s to 212-s, (July).
Resistant Ni-Cr-Ti Filler Metal, Development of a Corrosion—E. P. Sadowski, 161-s to 169-s, (June).

SAW Parameters on Weld Metal Chemistry, The Effect of—C. S. Chai and T. W. Eagar, 93-s to 98-s, (Mar.).
Scanning Electron Microscopy, Failure Analysis of Type 330 Welds by—J. B. Koch and K. A. Hill, 242-s to 244-s, (Aug.).
Shielding Gas Flow on Argon-Tungsten Arcs, Operating in High Pressure (1 to 14 Bars abs.) Environments, Some Effects of—C. J. Allum, B. E. Pinfold and J. H. Nixon, 199-s to 207-s, (July).
Shielding Gas Interrelationships in GTAW, Anode/Cathode Geometry and—J. F. Key, 365-s to 370-s, (Dec.).
Shielding Gas on Gas Metal Arc Welding Aluminum, Effects of—W. R. Reichelt, J. W. Evancho and M. G. Hoy, 147-s to 155-s, (May).
SMA Weldments at Cryogenic Temperatures, Metallurgical Factors Affecting the Toughness of 316L—D. T. Read, H. I. McHenry, P. A. Steinmeyer and R. D. Thomas, Jr., 104-s to 113-s, (Apr.).
Soldering Fluxes and Handling on Some Electronic Materials, The Corrosive Effect of—B. D. Dunn and C. Chandler, 289-s to 307-s, (Oct.).
Solidification of Austenitic Stainless Steel Weldments: Part 2-The Effect of Alloy Composition on Ferrite Morphology—J. C. Lippold and W. F. Savage, 48-s to 58-s, (Feb.).
Solidification Phenomena of Cast Stainless Steel, Weldability and—M. J. Cieslak and W. F. Savage, 136-s to 146-s, (May).
Some Effects of Shielding Gas Flow on Argon-Tungsten Arcs Operating in High Pressure (1 to 14 Bars abs.) Environments—C. J. Allum, B. E. Pinfold and J. H. Nixon, 199-s to 207-s, (July).
Spot Weldability of High-Strength Sheet Steels—J. M. Sawhill, Jr., and J. C. Baker, 19-s to 30-s, (Jan.).
Spot Welding Behavior by Dynamic Electrical Parameter Monitoring, Characterization of—D. W. Dickinson, J. E. Franklin and A. Stanya, 170-s to 176-s, (June).
Stainless Steel Joints, Structure of Low-Phosphorus Alloyed Nickel-Chromium-Silicon Brazed—E. Lugscheider, K. Klohn and W. Burchard, 283-s to 288-s, (Oct.).
Stainless Steel Weld Metal, Welding Variables and Microfissuring in Austenitic—T. G. Gooch and J. Honeycombe, 233-s to 241-s, (Aug.).
Stainless Steel Weld Metals, Hot Cracking Resistance of Austenitic—C. D. Lundin, C.-P. D. Chou and C. J. Sullivan, 226-s to 232-s, (Aug.).
Stainless Steel Weldments: Part 2-The Effect of Alloy Composition on Ferrite Morphology, Solidification of Austenitic—J. C. Lippold and W. F. Savage, 48-s to 58-s, (Feb.).
Stainless Steels for Structures Operating at Liquid Helium Temperature, Welding—Charles E. Witherell, 326-s to 342-s, (Nov.).
Steel, Weldability of a Low-Carbon Mo-Nb X-70 Pipeline—A. J. Bryhan and W. Troyer, 37-s to 47-s, (Feb.).
Steel Weldments: Part 2-The Effect of Alloy Composition on Ferrite Morphology, Solidification of Austenitic Stainless—J. C. Lippold and W. F. Savage, 48-s to 58-s, (Feb.).
Steel Weldments, Seawater Subcritical Cracking of HY—C. A. Zanis, P. W. Holsberg and E. C. Dunn, Jr., 355-s to 363-s, (Dec.).
Steels-Part II, A Field Weldability Test for Pipeline—R. Vasudevan, R. D. Stout and A. W. Pense, 76-s to 84-s, (Mar.).
Steels for Structures Operating at Liquid Helium Temperature, Welding Stainless—Charles E. Witherell, 326-s to 342-s, (Nov.).
Steels, Spot Weldability of High-Strength Sheet—J. M. Sawhill, Jr., and J. C. Baker, 19-s to 30-s, (Jan.).
Stellite Deposits, Influence of Preheat Temperature on—M. D. Mathew, S. L. Mannan and S. K. Gupta, 213-s to 216-s, (July).
Structure of Low-Phosphorus Alloyed Nickel-Chromium-Silicon Brazed Stainless Steel Joints—E. Lugscheider, K. Klohn and W. Burchard, 283-s to 288-s, (Oct.).
Subcritical Cracking of HY-Steel Weldments, Seawater—C. A. Zanis, P. W. Holsberg and E. C. Dunn, Jr., 355-s to 363-s, (Dec.).
Submerged Arc Welding, Investigation of Cracking in SWAC—J. W. York, 156-s to 160-s, (May).
Submerged Arc Welds-Tensile Strength vs. Corrosion Resistance—H. W. Ebert and F. J. Winsor, 193-s to 198-s, (July).
SWAC Submerged Arc Welding, Investigation of Cracking in—J. W. York, 156-s to 160-s, (May).

Tearing Susceptibility by Mechanical Testing, Prediction of

Lamellar—D. W. Dickinson, B. L. Ferguson and G. D. Ries, 343-s to 348-s, (Nov.).
Technical Note: The Effect of Retained Ferrite on Localized Corrosion in Duplex 304L Stainless Steel—P. E. Manning, D. J. Duquette and W. F. Savage, 260-s to 262-s, (Sept.).
Tensile Behavior of ERNiCr-3 Weld Metal, Elevated Temperature—R. L. Klueh and J. F. King, 114-s to 120-s, (Apr.).
Tensile Strength vs. Corrosion Resistance, Carbon Steel Submerged Arc Welds—H. W. Ebert and F. J. Winsor, 193-s to 198-s, (July).
Test for Pipeline Steels-Part II, A Field Weldability—R. Vasudevan, R. D. Stout and A. W. Pense, 76-s to 84-s, (Mar.).
Testing, Prediction of Lamellar Tearing Susceptibility by Mechanical—D. W. Dickinson, B. L. Ferguson and G. D. Ries, 343-s to 348-s, (Nov.).
316L SMA Weldments at Cryogenic Temperatures, Metallurgical Factors Affecting the Toughness of—D. T. Read, H. I. McHenry, P. A. Steinmeyer and R. D. Thomas, Jr., 104-s to 113-s, (Apr.).
Ti-6Al-4V, Effect of Orifice Geometry in Plasma-Arc Welding of—C. B. Shaw, Jr., 121-s to 125-s, (Apr.).
Ti-6Al-4V, Use of Postweld Heat Treatments to Improve Ductility in Thin Sheets of—K. Borggreen and I. Wilson, 1-s to 9-s, (Jan.).
Titanium Alloy Weldments, Property-Microstructure Relationships in Metastable-Beta—D. W. Becker and W. A. Baeslack III, 85-s to 92-s, (Mar.).
Titanium Alloys, Weldability Study of Advanced High Temperature—F. D. Mullins and D. W. Becker, 177-s to 182-s, (June).
Toughness of 316L SMA Weldments at Cryogenic Temperatures, Metallurgical Factors Affecting the—D. T. Read, H. I. McHenry, P. A. Steinmeyer and R. D. Thomas, Jr., 104-s to 113-s, (Apr.).
Transfer in Aluminum Alloys, Metal—R. A. Woods, 59-s to 66-s (Feb.).
Tungsten Arc Welding, Tungsten Contamination during Gas—R. C. Voigt and C. R. Loper, Jr., 99-s to 103-s, (Apr.).
Tungsten Contamination during Gas Tungsten Arc Welding—R. C. Voigt and C. R. Loper, Jr., 99-s to 103-s, (Apr.).

Use of Postweld Heat Treatments to Improve Ductility in Thin Sheets of Ti-6Al-4V—K. Borggreen and I. Wilson, 1-s to 9-s, (Jan.).

Vessel Steel Research, 1980 Adams Lecture: Twenty Years of Pressure—Alan W. Pense, 311-s to 325-s, (Nov.).

Water Displacement Method for Measuring Diffusible Hydrogen in Welds—G. C. Schmid and R. D. Rodabaugh, 217-s to 225-s, (Aug.).
Water, Fatigue Crack Growth in HY130 Steel Weldments in Air and—O. Vosikovsky, 255-s to 259-s, (Sept.).
Weld Metal, Elevated Temperature Tensiie Behavior of ERNiCr-3 Weld—R. L. Klueh and J. F. King, 114-s to 120-s, (Apr.)
Weldability and Solidification Phenomena of Cast Stainless Steel—M. J. Cieslak and W. F. Savage, 136-s to 146-s, (May).
Weldability of a Low-Carbon Mo-Nb X-70 Pipeline Steel—A. J. Bryhan and W. Troyer, 37-s to 47-s, (Feb.).
Weldability Study of Advanced High Temperature Titanium Alloys—F. D. Mullins and D. W. Becker, 177-s to 182-s, (June).
Weldability Test for Pipeline Steels-Part II, A Field—R. Vasudevan, R. D. Stout and A. W. Pense, 76-s to 84-s, (Mar.).
Welding Arc, Magnetic Deflection of the Pulsed Current—G. M. Ecer, 183-s to 191-s, (June).
Welding Behavior by Dynamic Electrical Parameter Monitoring, Characterization of Spot—D. W. Dickinson, J. E. Franklin and A. Stanya, 170-s to 176-s, (June).
Welding of Ti-6Al-4V, Effect of Orifice Geometry in Plasma-Arc—C. B. Shaw, Jr., 121-s to 125-s, (Apr.).
Welding Phenomena and Welding Mechanisms in High-Frequency Electric Resistance Welding-1st Report—H. Haga, K. Aoki and T. Sato, 208-s to 212-s, (July).
Welding Stainless Steels for Structures Operating at Liquid Helium Temperature—Charles E. Witherell, 326-s to 342-s, (Nov.).
Welding, Tungsten Contamination during Gas Tungsten Arc—R. C. Voight and C. R. Loper, Jr., 99-s to 103-s, (Apr.).
Welding Variables and Microfissuring in Austenitic Stainless Steel Weld Metal—T. G. Gooch and J. Honeycombe, 233-s to 241-s, (Aug.).
Weldments at Cryogenic Temperatures, Metallurgical Factors Affecting the Toughness of 316L SMA—D. T. Read, H. I. McHenry, P. A. Steinmeyer and R. D. Thomas, Jr., 104-s to 113-s, (Apr.).
Weldments: Part 2-The Effect of Alloy Composition on Ferrite Morphology, Solidification of Austenitic Stainless Steel—J. C. Lippold and W. F. Savage, 48-s to 58-s, (Feb.).
Weldments, Property-Microstructure Relationships in Metastable-Beta Titanium Alloy—D. W. Becker and W. A. Baeslack III, 85-s to 92-s, (Mar.).
Weldments, Seawater Subcritical Cracking of HY-Steel—C. A. Zanis, P. W. Holsberg, and E. C. Dunn, Jr., 355-s to 363-s, (Dec.).
Welds, A Water Displacement Method for Measuring Diffusible Hydrogen in—G. C. Schmid and R. D. Rodabaugh, 217-s to 225-s, (Aug.).
Wire Compositions for GTA Welding of Low Alloy Steels, Evaluation of Various Filler—R. E. Monley, Sr., 127-s to 135-s, (May).

AUTHOR INDEX

Allum, C. J., Pinfold, B. E., and Nixon, J. H.—Some Effects of Shielding Gas Flow on Argon-Tungsten Arcs Operating in High Pressure (1 to 14 Bars abs.) Environments, 199-s to 207-s, (July).
Aoki, K., Sato, T., and Haga, H.—Welding Phenomena and Welding Mechanisms in High-Frequency Electric Resistance Welding-1st Report, 208-s to 212-s, (July).
Baeslack III, W. A., and Becker, D. W.—Property-Microstructure Relationships in Metastable-Beta Titanium Alloy Weldments, 85-s to 92-s, (Mar.).
Baker, J. C., and Sawhill, Jr., J. M.—Spot Weldability of High-Strength Sheet Steels, 19-s to 30-s, (Jan.).
Becker, D. W., and Baeslack III, W. A.—Property-Microstructure Relationships in Metastable-Beta Titanium Alloy

Weldments, 85-s to 92-s, (Mar.).
Becker, D. W., and Mullins, F. D.—Weldability Study of Advanced High Temperature Titanium Alloys, 177-s to 182-s, (June).
Borggreen, K., and Wilson, I.—Use of Postweld Heat Treatments to Improve Ductility in Thin Sheets of Ti-6Al-4V, 1-s to 9-s, (Jan.).
Bryhan, A. J., and Troyer, W.—Weldability of a Low-Carbon Mo-Nb X-70 Pipeline Steel, 37-s to 47-s, (Feb.).
Burchard, W., Lugscheider, E., and Klohn, K.—Structure of Low-Phosphorus Alloyed Nickel-Chromium-Silicon Brazed Stainless Steel Joints, 283-s to 288-s, (Oct.).

Chai, C. S., and Eager, T. W.—The Effect of SAW Parameters on Weld Metal Chemistry, 93-s to 98-s, (Mar.).
Chandler, C., and Dunn, B. D.—The Corrosive Effect of Soldering Fluxes and Handling on Some Electronic Materials, 289-s to 307-s, (Oct.).
Chou, C.-P. D., Lundin, C. D., and Sullivan, C. J.—Hot Cracking Resistance of Austenitic Stainless Steel Weld Metals, 226-s to 232-s, (Aug.).
Cieslak, M. J., and Savage, W. F.—Weldability and Solidification Phenomena of Cast Stainless Steel, 136-s to 146-s, (May).

Devletian, Jack H.—Aluminum's Graphitizing Effect in Gray Iron Welds, 349-s to 354-s, (Dec.).
Dickinson, D. W., Ferguson, B. L., and Ries, G. D.—Prediction of Lamellar Tearing Susceptibility by Mechanical Testing, 343-s to 348-s, (Nov.).
Dickinson, D. W., Franklin, J. E., and Stanya, A.—Characterization of Spot Welding Behavior by Dynamic Electrical Parameter Monitoring, 170-s to 176-s, (June).
Dunn, B. D., and Chandler, C.—The Corrosive Effect of Soldering Fluxes and Handling on Some Electronic Materials, 289-s to 307-s, (Oct.).
Dunn, Jr., E. C., Zanis, C. A., and Holsberg, P. W.—Seawater Subcritical Cracking of HY-Steel Weldments, 355-s to 363-s, (Dec.).
Duquette, D. J., Savage, W. F., and Manning, P. E.—Technical Note: The Effect of Retained Ferrite on Localized Corrosion in Duplex 304L Stainless Steel, 260-s to 262-s, (Sept.).

Eagar, T. W., and Chai, C. S.—The Effect of SAW Parameters on Weld Metal Chemistry, 93-s to 98-s, (Mar.).
Ebert, H. W., and Winsor, F. J.—Carbon Steel Submerged Arc Welds-Tensile Strength vs. Corrosion Resistance, 193-s to 198-s, (July).
Ecer, G. M.—Magnetic Deflection of the Pulsed Current Welded Arc, 183-s to 191-s, (June).
Evancho, J. W., Reichelt, W. R., and Hoy, M. G.—Effects of Shielding Gas on Gas Metal Arc Welding Aluminum, 147-s to 155-s, (May).
Evans, G. M.—Effect of Manganese on the Microstructure and Properties of All-Weld-Metal Deposits, 67-s to 75-s, (Mar.).

Ferguson, B. L., Ries, G. D., and Dickinson, D. W.—Prediction of Lamellar Tearing Susceptibility by Mechanical Testing, 343-s to 348-s, (Nov.).
Franklin, J. E., Dickinson, D. W., and Stanya, A.—Characterization of Spot Welding Behavior by Dynamic Electrical Parameter Monitoring, 170-s to 176-s, (June).

Gooch, D. J., and King, B. L.—Creep Crack Growth in Controlled Microstructure Cr-Mo-V Heat-Affected Zones, 10-s to 18-s, (Jan.).
Gooch, T. G., and Honeycombe, J.—Welding Variables and Microfissuring in Austenitic Stainless Steel Weld Metal, 233-s to 241-s, (Aug.).
Gupta, S. K., Mathew, M. D., and Mannan, S. L.—Influence of Preheat Temperature on Stellite Deposits, 213-s to 216-s, (July).

Haga, H., Aoki, K., and Sato, T.—Welding Phenomena and Welding Mechanisms in High-Frequency Electric Resistance Welding-1st Report, 208-s to 212-s, (July).
Hill, K. A., and Koch, J. B.—Failure Analysis of Type 330 Welds by Scanning Electron Microscopy, 242-s to 244-s, (Aug.).
Holsberg, P. W., Dunn, Jr., E. C., and Zanis, C. A.—Seawater Subcritical Cracking of HY-Steel Weldments, 355-s to 363-s, (Dec.).
Honeycombe, J., and Gooch, T. G.—Welding Variables and Microfissuring in Austenitic Stainless Steel Weld Metal, 233-s to 241-s, (Aug.).
Hoy, M. G., Reichelt, W. R., and Evancho, J. W.—Effects of Shielding Gas on Gas Metal Arc Welding Aluminum, 147-s to 155-s, (May).

Jones, J. E., Olson, D. L., and Martins, G. P.—Metallurgical and Thermal Characteristics of Non-Vertical Electroslag Welds, 245-s to 254-s, (Sept.).

Key, J. F.—Anode/Cathode Geometry and Shielding Gas Interrelationships in GTAW, 365-s to 370-s, (Dec.).
King, B. L., and Gooch, D. J.—Creep Crack Growth in Controlled Microstructure Cr-Mo-V Heat-Affected Zones, 10-s to 18-s, (Jan.).
King, J. F., and Klueh, R. L.—Elevated Temperature Tensile Behavior of ERNiCr-3 Weld Metal, 114-s to 120-s, (Apr.).
Klohn, K., Burchard, W., and Lugscheider, E.—Structure of Low-Phosphorus Alloyed Nickel-Chromium-Silicon Brazed Stainless Steel Joints, 283-s to 288-s, (Oct.).
Klueh, R. L., and King, J. F.—Elevated Temperature Tensile Behavior of ERNiCr-3 Weld Metal, 114-s to 120-s, (Apr.).
Koch, J. B., and Hill, K. A.—Failure Analysis of Type 330 Welds by Scanning Electron Microscopy, 242-s to 244-s, (Aug.).
Kosteas, Dimitris—Fatigue Behavior and Analysis of Welded AlZnMg Joints, 371-s to 377-s, (Dec.).

Lippold, J. C., and Savage, W. F.—Solidification of Austenitic Stainless Steel Weldments: Part 2-The Effect of Alloy Composition on Ferrite Morphology, 48-s to 58-s, (Feb.).
Loper, Jr., C. R., and Voigt, R. C.—Tungsten Contamination during Gas Tungsten Arc Welding, 99-s to 103-s, (Apr.).
Lugscheider, E., Klohn, K., and Burchard, W.—Structure of Low-Phosphorus Alloyed Nickel-Chromium-Silicon Brazed Stainless Steel Joints, 283-s to 288-s, (Oct.).
Lundin, C. D., Chou, C.-P. D., and Sullivan, C. J.—Hot Cracking Resistance of Austenitic Stainless Steel Weld Metals, 226-s to 232-s, (Aug.).

Mannan, S. L., Gupta, S. K., and Mathew, M. D.—Influence of Preheat Temperature on Stellite Deposits, 213-s to 216-s, (July).
Manning, P. E., Duquette, D. J., and Savage, W. R.—Technical Note: The Effect of Retained Ferrite on Localized Corrosion in Duplex 304L Stainless Steel, 260-s to 262-s, (Sept.).
Martins, G. P., Jones, J. E., and Olson, D. L.—Metallurgical and Thermal Characteristics of Non-Vertical Electroslag Welds, 245-s to 254-s, (Sept.).
Mathew, M. D., Mannan, S. L., and Gupta, S. K.—Influence of Preheat Temperature on Stellite Deposits, 213-s to

216-s, (July).
McHenry, H. I., Steinmeyer, P. A., Thomas, Jr., R. D., and Read, D. T.—Metallurgical Factors Affecting the Toughness of 316L SMA Weldments at Cryogenic Temperatures, 104-s to 113-s, (Apr.).
Monley, Sr., R. E.—Evaluation of Various Filler Wire Compositions for GTA Welding of Low Alloy Steels, 127-s to 135-s, (May).
Mullins, F. D., and Becker, D. W.—Weldability Study of Advanced High Temperature Titanium Alloys, 177-s to 182-s, (June).

Nixon, J. H., Allum, C. J., and Pinfold, B. E.—Some Effects of Shielding Gas Flow on Argon-Tungsten Arcs Operating in High Pressure (1 to 14 Bars abs.) Environments, 199-s to 207-s, (July).

Ohmura, H., and Yoshida, T.—Dissolution and Deposit of Base Metal in Dissimilar Carbon Steel Brazing, 278-s to 282-s, (Oct.).
Olson, D. L., Martins, G. P., and Jones, J. E.—Metallurgical and Thermal Characteristics of Non-Vertical Electroslag Welds, 245-s to 254-s, (Sept.).

Patchett, B. M., and Schwemmer, D. D.—Discussion on "The Relationship of Weld Penetration to the Welding Flux," 31-s to 36-s, (Jan.).
Pense, A. W., and Stout, R. D.—A Field Weldability Test for Pipeline Steels-Part II, 76-s to 84-s, (Mar.).
Pense, Alan W.—1980 Adams Lecture: Twenty Years of Pressure Vessel Steel Research, 311-s to 325-s, (Nov.).
Pinfold, B. E., Allum, C. J., and Nixon, J. H.—Some Effects of Shielding Gas Flow on Argon-Tungsten Arcs Operating in High Temperature (1 to 14 Bars abs.) Environments, 199-s to 207-s, (July).

Ramos, T. J., and Witherell, C. E.—Laser Brazing, 267-s to 277-s, (Oct.).
Read, D. T., McHenry, H. I., Steinmeyer, P. A., and Thomas, Jr., R. D.—Metallurgical Factors Affecting the Toughness of 316L SMA Weldments at Cryogenic Temperatures, 104-s to 113-s, (Apr.).
Reichelt, W. R., Evancho, J. W., and Hoy, M. G.—Effects of Shielding Gas on Gas Metal Arc Welding Aluminum, 147-s to 155-s, (May).
Reichenecker, W. J.—Electrical Conductivity of the Copper-Tin Intermetallic Compound Cu_3Sn in the Temperature Range—195°C to +150°C, 308-s to 310-s, (Oct.).
Ries, G. D., Dickinson, D. W., and Ferguson, B. L.—Prediction of Lamellar Tearing Susceptibility by Mechanical Testing, 343-s to 348-s, (Nov.).
Rodabaugh, R. D., and Schmid, G. C.—A Water Displacement Method for Measuring Diffusible Hydrogen in Welds, 217-s to 225-s, (Aug.).

Sadowski, E. P.—Development of a Corrosion Resistant Ni-Cr-Ti Filler Metal, 161-s to 169-s, (June).
Sato, T., Haga, H., and Aoki, K.—Welding Phenomena and Welding Mechanisms in High-Frequency Electric Resistance Welding-1st Report, 208-s to 212-s, (July).
Savage, W. F., and Cieslak, M. J.—Weldability and Solidification Phenomena of Cast Stainless Steel, 136-s to 146-s, (May).
Savage, W. F., and Lippold, J. C.—Solidification of Austenitic Stainless Steel Weldments: Part 2-The Effect of Alloy Composition on Ferrite Morphology, 48-s to 58-s, (Feb.).
Savage, W. F., Manning, P. E., and Duquette, D. J.—Technical Note: The Effect of Retained Ferrite on Localized Corrosion in Duplex 304L Stainless Steel, 260-s to 262-s, (Sept.).
Sawhill, Jr., J. M., and Baker, J. C.—Spot Weldability of High-Strength Sheet Steels, 19-s to 30-s, (Jan.).
Schaefer, Adolph O.—The Metal Properties Council-A Report to the American Welding Society, 263-s to 266-s, (Sept.).
Schmid, G. C., and Rodabaugh, R. D.—A Water Displacement Method for Measuring Diffusible Hydrogen in Welds, 217-s to 225-s, (Aug.).
Schwemmer, D. D., and Patchett, B. M.—Discussion on "The Relationship of Weld Penetration to the Welding Flux," 31-s to 36-s, (Jan.).
Shaw, Jr., C. B.—Effect of Orifice Geometry in Plasma-Arc Welding of Ti-6Al-4V, 121-s to 125-s, (Apr.).
Stanya, A., Dickinson, D. W., and Franklin, J. E.—Characterization of Spot Welding Behavior by Dynamic Electrical Parameter Monitoring, 170-s to 176-s, (June).
Steinmeyer, P. A., Thomas, Jr., R. D., Read, D. T., and McHenry, H. I.—Metallurgical Factors Affecting the Toughness of 316L SMA Weldments at Cryogenic Temperatures, 104-s to 113-s, (Apr.).
Stout, R. D., and Pense, A. W.—A Field Weldability Test for Pipeline Steels-Part II, 76-s to 84-s, (Mar.).
Sullivan, C. J., Lundin, C. D., and Chou, C.-P. D.—Hot Cracking Resistance of Austenitic Stainless Steel Weld Metal, 226-s to 232-s, (Aug.).

Thomas, Jr., R. D., Read, D. T., McHenry, H. I., and Steinmeyer, P. A.—Metallurgical Factors Affecting the Toughness of 316L SMA Weldments at Cryogenic Temperatures, 104-s to 113-s, (Apr.).
Troyer, W., and Bryhan, A. J.—Weldability of a Low-Carbon Mo-Nb X-70 Pipeline Steel, 37-s to 47-s, (Feb.).

Voigt, R. C., and Loper, Jr., C. R.—Tungsten Contamination during Gas Tungsten Arc Welding, 99-s to 103-s, (Apr.).
Vosikovsky, O.—Fatigue Crack Growth in HY130 Steel Weldments in Air and Water, 255-s to 259-s, (Sept.).

Wilson, I., and Borggreen, K.—Use of Postweld Heat Treatments to Improve Ductility in Thin Sheets of Ti-6Al-4V, 1-s to 9-s, (Jan.).
Winsor, F. J., and Ebert, H. W.—Carbon Steel Submerged Arc Welds-Tensile Strength vs. Corrosion Resistance, 193-s to 198-s, (July).
Witherell, C. E., and Ramos, T. J.—Laser Brazing, 267-s to 277-s, (Oct.).
Witherell, Charles E.—Welding Stainless Steels for Structures Operating at Liquid Helium Temperature, 326-s to 342-s, (Nov.).
Woods, R. A.—Metal Transfer in Aluminum Alloys, 59-s to 66-s, (Feb.).

York, J. W.—Investigation of Cracking in SWAC Submerged Arc Welding, 156-s to 160-s, (May).
Yoshida, T., and Ohmura, H.—Dissolution and Deposit of Base Metal in Dissimilar Carbon Steel Brazing, 278-s to 282-s, (Oct.).

Zanis, C. A., Holsberg, P. W., and Dunn, Jr., E. C.—Seawater Subcritical Cracking of HY-Steel Weldments, 355-s to 363-s, (Dec.).